

Applicant : James R. Cole et al.  
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In the Specification:

Please replace paragraphs 0008 and 0009 on page 3, with the following three (3) paragraphs:

**FIG. 2** is a flowchart diagram of the operations pertaining to a projector turn-off request in accordance with one implementation of the present invention; **and**

**FIG. 3** is a block diagram illustrating the system organization of the projector's light source control and cooling device control according to one implementation of the present invention[[.]]; **and**

**FIG. 4 is a block diagram of a projector's integrated computer system operating as system controller in accordance with one implementation of the present invention.**

Please replace paragraph 0027 spanning page 7 and page 8, with the following paragraph:

The system controller 304 can be variously implemented as an application-specific integrated circuit, field-programmable gate array, dedicated microcontroller, microprocessor, or even as part of a projector's integrated computer system as illustrated in FIG. 4. Example system controller 304 in FIG. 4 includes including a central processing unit(406), random access memory(402), mass storage (412), and access to an external network (410. In memory 402, the projector turn on component 418 and projector turn off component 420 perform operations that turn off and turn on the light source in accordance with implementations of the present invention

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as described previously in conjunction with FIG. 1 and FIG. 2. Run time 422 is an operating system or other resource manager that manages one or more resources associated with system controller 304 including allocation of memory 402. In addition to the just described digital solutions, the function of the system controller 304 can also be implemented as an analog circuit employing a comparator to compare the light source temperature with the predetermined temperature. The action of the system controller 304 is to directly turn off the cooling device 306 and the light source 310 in response to a turn-off request. When a turn-on request is received, the temperature supplied by the temperature sensor 308 is compared with the predetermined threshold temperature for safe turn-on of the light source 310. If the temperature is at or below this threshold then the light source 310 is turned on. If it is below the threshold, then the cooling device 306 is turned on to quickly lower the temperature of the light source 310.